

### Abstract

A method and system are provided for collecting and storing caller identification information associated with a calling party directed to an out of service wireless telephone. When calls are made to a wireless telephone, a determination is made as to whether the telephone is registered for service, that is, whether the telephone can receive calls because it is powered on and is located within a wireless telecommunications service area where it may receive calls. During out of service periods, caller identification information on calls placed to the wireless telephone is stored in an identification queue. Once the wireless telephone is registered for service, stored caller identification information is forwarded to the wireless telephone for presentation to the user of the wireless telephone. Accordingly, the user of the wireless telephone avoids missing telephone calls made to her wireless telephone during the out of service period, and the user may then return the telephone calls at a convenient time.